L 22583-66

ACC NR: AP6012932   SOURCE CODE: UR/0104/65/000/007/0040/0044

AUTHOR: Bezrukikh, P. P. (Engineer); Musatov, G. T. (Engineer); Gvozdev, Ye. I.
(Engineer); Gesse, B. A. (Engineer)

ORG: none

TITLE: New method of forming ion-excitation mercury valves for the Bratsk power
station

SOURCE: Elektricheskiye stantsii, no. 7, 1965, 40-44

TOPIC TAGS: power plant component, valve, mercury rectifier, electronic circuit

ABSTRACT: A new circuit for forming (pre-heating) the anodes of
the mercury valves used in the rectifiers of power stations is
presented. The essential differences between old and new cir-
cuits are the presence of an automatic former and current limit-
ing resistance. The primary advantage of the new circuit is its
ability to provide automatic transition from pre-heating to operat-
ing conditions without breaking the main circuit. No changes in
the main circuit of the system are required. Safety of operation
is also increased. Orig. art. has: 4 figures and 1 table. [JPRS]

SUB CODE: 10, 09 / SUBM DATE: none

Card 1/1   UDC: 621.314.652

GESSE, I. A.

GESSE, I. A. — " Some Electrical Properties of a Mixture of Zinc Oxide and Bismuth Oxide." Leningrad State Pedagogical Institute im A. I. Hertzen. Chair of Experimental Physics. Leningrad, 1955. (Dissertation for the Degree of Candidate in Physicomathematical Sciences.

SOURCE Knizhnaya Letopis', No 6, 1956

GESSE, I. A.

Kochan, M.S. and I.A. Gesse. [Leningrad, Pedagogical Institute imeni A.I. Gertsena (Pedagogical Institute imeni A.I. Gerts...). Dielectric Constant of Zinc Oxide With an Admixture of Bismuth Oxide

(The Physics of Dielectrics; Transactions of the All-Union Conference on the Physics of Dielectrics) Moscow, Izd-vo AN SSSR, 1958. 245 p. 3,000 copies printed.

This volume publishes reports presented at the All-Union Conference on the Physics of Dielectrics, held in Dnepropetrovsk in August 1956 sponsored by the "Physics of Dielectrics" Laboratory of the Fiziobeskiy institut imeni Lebedeva An SSSR (Physics Institute imeni Lebedev of the AS USSR), and the Electrophysics Department of the Dnepropetrovskiy gosudarstvennyy universitet (Dnepropetrovsk State University).

AUTHORS: Kosman, M. S., Gease, I. A.   48-22-3-19/30

TITLE: The Dielectric Constant of Zinc-Oxide With an Addition of
              Bismuth-Oxide (Dielektricheskaya pronitsayemost' okisi
              tsinka s primes'yu okisi vismuta)

PERIODICAL: Izvestiya Akademii Nauk SSSR,Seriya Fizicheskaya, 1958,
              Vol. 22, Nr 3, pp. 315-318 (USSR)

ABSTRACT: The authors investigated in the present article some electric
              properties of the mixture of electronic semi-conductor-zinc-
              -oxide with porous semi-conductors--cupric-oxide, copper-
              -peroxide, bismuth oxide. One of the most interesting
              properties of such mixtures is the great ε. A great number
              of materials with great ε are known at present. Most of them
              contain, however, rutile which has $\varepsilon \approx 100$ in pure state. The
              investigated mixtures, on the other hand, with ZnO as basis,
              have the ε of the initial substances of the order of 10. The
              mixture ZnO with Bi_2O_3 was investigated most carefully. The
              dependence of E on the content of the admixture of Bi_2O_3, on
              the temperature and on the calcination-period was investigated.
              Each of the given ε-values represents the average for a whole
Card 1/4   series of samples which were produced under specific

The Dielectric Constant of Zinc-Oxide With an Addition of   48-22-3-19/30
Bismuth-Oxide

conditions, The deviation from the average does not exceed
10% in most of the cases. The ϵ values do not change auto
matically according to time. ϵ values which were obtained
under different conditions. are shown in the table from which
may be seen that   depends on the concentration of Bi_2O_3.
The ϵ values given in the table also show the value of the
dependence of ϵ on the calcination temperature. The pro
longation of the calcination period causes an increase in ϵ.
It was found that with numerous samples ϵ does not depend on
the frequency within the range $10^3 \div 10^6$ Hertz. With some
samples ϵ decreases according to an increase in frequency.
The addition of Bi_2O_3 to ZnO changes also other electric
properties of ZnO. A lower conductivity is observed · in
comparison with pure ZnO · besides the increase in ϵ. This
resistance is too low, however, for classifying these
mixtures as dielectrics, and that they could be practically
used. At room-temperature the resistance remains unchanged
for months. Subjectes to thermal treatment it changes,
however, very readily. The sample can be retransferred to

Card 2/4   the state of lower conductivity by repeated heating up to

The Dielectric Constant of Zinc-Oxide With an Addition of   48-22-3-19/30
Bismuth-Oxide

the same temperature and by slow cooling down. A reduction
of the conductivity below $10^{-10}\Omega^{-1}cm^{-1}$ was not achieved,
however, The conductivity is presumably correlated with the
influence of oxygen. The change of conductivity with thermal
treatment of the sample is accompanied parallel to its
capacity: higher conductivity involves an increase in
capacity and vice-versa. The piezoelectric effect and the
dependence of ε on the tension are lacking. Hence it may be
concluded that the mixture ZnO with Bi_2O_3 is no piezoelectric.
The X-ray analysis shows that the mixture maintains the lattice
ZnO up to inclusively 15% Bi_2O_3. It is not impossible that
the presence of a great ε is caused by relaxation processes
of electronic character. It is possible that these processes
are analogous to the phenomena observed by Ya. M. Ksendzov
in pure TiO_2 with few admixtures. This assumption should
be complementarily examined. There are 4 figures and 1 table.

ASSOCIATION: Gos. pedagogicheskiy institut im. A. I. Gertsena (State
                Pedagogical Institute imeni A. I. Gertsen)

Card 3/4

The Dielectric Constant of Zinc-Oxide With an Addition of   48-22-3-19/30
Bismuth-Oxide

AVAILABLE: Library of Congress

                  1. Zinc oxides--Dielectric properties--Effects of Bismuth oxide
                  2. Zinc oxides--Dielectric properties--Theory

Card 4/4

1

SOV/53-59-9-20571

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 9, p 159 (USSR)

AUTHORS: Rosman, M.S., Gesse, I.A.

TITLE: The Electrical Properties of a Mixture of Zinc Oxide and Bismuth Oxide

PERIODICAL: Uch. zap. Leningr. gos. ped. in-ta im. A.I. Gertsena, 1958, Vol. 16,
               pp 85 - 94

ABSTRACT   The dielectric constant (ε), the electrical conductivity (σ), and the
               temperature dependence of σ were measured in a mixture of ZnO and Bi_2O_3.
               The distinctive property of this mixture is the high value of ε (up to
               2,000), as compared with $\varepsilon \approx 10$ in the case of the initial substances.
               The capacitance of the samples was measured at a frequency of $\sim 10^6$ c
               with the aid of the circuit suggested by M.S. Rosman (RZhFiz, 1959, Nr 2,
               3624). The curve of ε versus the concentration of Bi_2O_3 exhibits a
               maximum which shifts towards the lesser concentrations when the roasting
               temperature of the samples increases. When the temperature and the
               roasting time increase, ε increases. It was found that the σ of ZnO
               decreases by 1 to 4 orders of magnitude when Bi_2O_3 is added, the minimum

Card 1/2   value of σ being recorded at a 3 to 5% content of Bi_2O_3. The authors

1

SOV/58-59-9-20571

The Electrical Properties of a Mixture of Zinc Oxide and Bismuth Oxide

observed a strong dependence of σ and its temperature characteristics on the pre-treatment of the sample (in particular, on the temperature and duration of the preceding heating, the cooling conditions, and so fourth). They advance the hypothesis that the effect of temperature treatment on σ is connected with a change in the content of oxygen in the sample. In the opinion of the authors, the observed parallel variation of ε and σ during heating indicates that the high value of ε for the investigated mixture is due to electronic processes.

L.A. Uvarov

Card 2/2

GESSE, M.I. [deceased]; IL'INSKIY, B.V.

Data on the etiology of atherosclerosis. Terap.arkh. 28 no.6:17-27
'56.   (MLRA 9:11)

1. Iz Fakul'tetskoy terapevticheskoy kliniki (zav. - deystvitel'nyy
chlen AMN SSSR prof. G.F.Lang [deceased]) I Leningradskogo medi-
tsinskogo instituta imeni I.P.Pavlova i iz otdela patologicheskoy
anatomii (zav. - akademik N.N.Anichkov) Instituta eksperimental'noy
meditsiny AMN SSSR.
        (ARTERIOSCLEROSIS, etiology and pathogenesis.
           (Rus))

GESSE, V.N.

> Preliminary results of geological surveying in the Paga Basin
> (Polar Urals). Mat.po geol.i pol.iskop.Sev.-Vost.Evrop.chasti
> SSSR no.1:61-65 '61.   (MIRA 14:11)
> > (Ural Mountains--Geological surveys)

GESSE, V.N.

New data on the stratigraphy of ancient formations of the Lemva structural-facies zone. Mat. po geol. i pol. iskop. Sev.-Vost. Evrop. chasti SSSR. no.2:3-6 '62.

(MIRA 15:11)

(Ural Mountain region—Geology, Stratigraphic)

LEVIT, G.O., inzhener; GESSELEV, A.M., inzhener.

Scientific and technical conference on transformers in
Zaporozh'ye. Elektrichestvo no.11:95 N '56.   (MLRA 9:12)

(Electric transformers)

GESSEN, A. I.

Sanitation and hygiene of technical processes in the food industry.
Leningrad, Med giz, 1951.

GESSEN A|/.

A. GESSEN

"The epidemiological role of national probl..s. ... ., No. 1,
Jan. 1952, Sofiya, Bulgaria.)

St: Monthly List of ... European Accessions, Vol. 2, No. ., July 1953, Uncl.

USSR/Chemical Technology – Chemical Products and Their Application. Food Industry,
                                            I-28

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63650

      Author: Gessen, A. I., Gorfunkel', I. I.

  Institution: None

        Title: Effects of the Conditions of Production and Storage of Creams and
                Cream Products on Their Bacterial Contamination

Original
Periodical: Tr. Leningr. san.-gigien. med. in-ta, 1953, 11, 178-193

     Abstract: Studied were the factors that determine the initial bacterial contami-
                nation of creams and cream pastry, and its changes during 3-day stor-
                age. It was found that primary sources of bacterial contamination of
                cream products are butter, rum syrup and cacao powder. A tendency has
                been ascertained toward decreased over-all contamination of creams
                and cream products on 3-day storage at 16°-24° due to a reduction in
                all forms of microflora. In the course thereof organoleptic proper-
                ties and acidity of creams made from milk cream showed no changes,

Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Food Industry,
                                I-28

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63650

Abstract: but since they undergo no changes also on contamination of food
           products with toxigenic staphyloccus, these results provide no
           criteria for hygienic evaluation of the good quality of cream
           products. The destruction of bacteria coli in creams has been con-
           firmed. To reduce the over-all bacterial contamination of cream
           products it is recommended to change the storage conditions of rum
           syrup and saturation of pastry therewith by spraying.

Card 2/2

USSR/Medicine - Nutrition	FD-3302

Card 1/1   Pub. 141 - 17/19

Author   : Agranovskiy, Z. M.; Gessen, A. I. (Reviewed by Bychkov, I. Ya.)

Title   : Guide for specialization of subordinates in nutritional hygiene

Periodical : Vop. pit., 47-48, Jul/Aug 1955

Abstract   : Gives favorable review of above guide for students about to become spe-
              cialists in nutritional hygiene. The few errors found in the book are
              due to faulty editing, according to the reviewer. No references.

Institution :

Submitted   :

GESSEN, A.I.

Sanitary standards in planning industrial plants (NSP 101-51) and their application in the food industry. Trudy LSGMI 25: 189-200 '55.   (MIRA 12:8)

1. Kafedra gigiyeny pitaniya Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy dotsent Z.M.Agranovskiy).
               (FOOD HANDLING,
                        sanit. standards in food indust. in Russia (Rus))

KOSHINA, Z.P.; LEBEDEVA, Ye.A.; GESSEN, A.I., redaktor; SHEVCHENKO, F.Ya.,
tekhnicheskiy redaktor

[Menus and calculation tables for the chemical content of food rations
for children's homes] Meniu-raskladki i raschetnye batlitsy khimiche-
skogo sostava pishchevykh rataionov dlia detskikh domov. Moskva, Gos.
Izd-vo meditsinskoi literatury, 1956. 79 p. (Leningrad. Sanitarno-
gigienicheskii meditsinskii institut. Trudy, no.24)   (MLRA 9:12)
      (FOOD
            menu & tables of chem. content of food rations in
            children's homes)

BASHENIN, V.A., red.; ZHDANOV, D.A., prof., red.; ANDREYEVA-GALANINA, Ye.TS., prof., red.; ANICHKOV, S.V., prof., red.; BABAYANTS, R.A., prof., red.; KLIONSKIY, Ye.Ye., prof., red.; SMIRNOV, A.V., prof., zasluzhennyy deyatel' nauki, red.; TIKHOMIROV, P.Ye., prof., red.; UDINTSEV, G.N., prof., red.; TSINZERLING, V.D., prof., red.; SHCHELKUNOV, S.I., prof., red.; GESSEN, A.I., dots., red.

[Instructions on conducting laboratory and field work for a course in epidemiology] Metodicheskie ukazaniia k prakticheskim zaniatiiam studentov po kursu epidemiologii. Moskva, Gos. Izd-vo med. lit-ry, 1956. 189 p. (Leningrad. Sanitarno-gigienicheskii meditsinskii institut. Trudy, vol.38).   (MIRA 11:4)

1. Zaveduyushchiy kafedroy epidemiologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (for Bashenin). 2. Chlen-korrespondent AMN SSSR (for Zhdanov, Babayants, TSinzerling, Shchelkunov). 3. Deystvitel'nyy chlen AMN SSSR (for Anichkov). 4. Chlen-korrespondent AMN SSSR i AN KazSSR (for Udintsev).
                (EPIDEMIOLOGY--STUDY AND TEACHING)   (MIRA 11:4)

GESSEN, A.I.; KLYGA, L.P.; KHARAKHORKINA, K.D.; CHISTYAKOVA, A.M.

Hygienic characteristics of nutrition at trade schools. Trudy
LSGMI 31:129-144 '56.   (MIRA 12:8)

1. Kafedra gigiyeny pitaniya Leningradskogo sanitarno-
gigiyenicheskogo meditsinskogo instituta (zav.kafedroy -
dots. Z.M.Agranovskiy).
                (SCHOOLS,
                        trade schools, nutrition (Rus))
                (NUTRITION,
                        in trade schools (Rus))

BABAYANTS, Ruben Ambartsumovich.; GESSEN, A.I., red.; KHARASH, G.A., tekhn. red.

[Agricultural utilization and composting of municipal refuse;
experimental research] Pochvennaia mineralizatsiia gorodskikh
otbrosov i ikh sel'skokhoziaistvenoe ispol'zovanie; eksperimental'noe
issledovanie. [Leningrad] Gos. izd-vo med. lit-ry, Leningr.
otd-nie, 1958. 230 p.   (MIRA 11:11)

(Compost)
(Refuse and refuse disposal)

GESSEN, A.I.

Methods of sanitary inspection in the food industry under new
working conditions prevailing in the Soviet national economy.
Trudy ISGMI 44:307-334 '58   (MIRA 11:12)

1. Kafedra gigiyeny pitaniya Leningradskogo sanitarno-gigiyenicheskogo
meditsinskogo instituta (zav. kafedroy - dotsent Z.M. Agranovskiy)
            (FOOD,
                    sanitary evaluation of food indust. plants in USSR
            (Rus))

GESSEN   A. I.

AGGEYEV, P.K., prof.; ANDREYEVA-GALANINA, Ye.TS., prof.; BASHENIN, V.A.,
prof.; BENENSON, M.Ye., doktor med.nauk; VYSHEGORODTSEVA, V.D.,
prof.; GESSEN, A.I., dotsent; GUTKIN, A.Ya., prof.; ZHDANOV, D.A.,
prof., laureat Stalinskoy premii; ZNAMENSKIY, V.F., prof.;
KLIONSKIY, Ye.Ye., prof.; MONASTYRSKAYA, B.I., prof.; MOSKVIN,
I.A., prof.; MUCHNIK, L.S., kand.med.nauk; PETROV-MASLAKOV, M.A.,
prof.; RUBINOV, I.S., prof.; RYSS, S.M., prof.; SMIRNOV, A.V.,
prof., zasluzhennyy deyatel' nauki; TIKHOMIROV, P.Ye., prof.;
TROITSKAYA, A.D., prof.; UDINTSEV, G.N., prof.; UFLYAND, Yu.M.,
prof.; FEDOROV, V.K., prof.; KHILOV, K.L., prof., zasluzhennyy
deyatel' nauki; VADKOVSKAYA, Yu.V., prof.; MARSHAK, M.S., prof.;
PETROV, M.A., kand.med.nauk; POSTNIKOVA, V.M., kand.med.nauk;
RAPOPORT, K.A., kand.biolog.nauk; ROZENTUL, M.A., prof.; YANKE-
LEVICH, Ye.I., kand.med.nauk; LYUDKOVSKAYA, N.I., tekhn.red.

[Book on health] Kniga o zdorov'e. Moskva, Gos.izd-vo med.lit-ry,
Medgiz, 1959. 446 p.   (MIRA 12:12)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for
Zhanov, Udintsev). 2. Leningradskiy sanitarno-gigiyenicheskiy me-
ditsinskiy institut (for all, except Vadkovskaya, Marshak, Petrov,
Postnikova, Rapoport, Rozentul, Yankelevich, Lyudkovskaya).
                          (HYGIENE)

OHSSEN, A.I.

Hygienic aspects in the planning of food-processing plants.
Trudy LSGMI no.47:254-291 '59.   (MIRA 12:9)

1. Kafedra gigiyeny pitaniya Leningradskogo sanitarno-gigiyeniche-
skogo meditsinskogo instituta (zav. kafedroy - dotsent Z.M.Agranov-
skiy).

(FOOD PROCESSING INDUSTRY)

MANDEL'SHTAM, A.E., prof., zasl. deyatel' nauki; GESSEN, A.1., red.

[Obstetrical and gynecological practice; transactions] Aku-
shersko-ginekologicheskaia praktika; trudy. Pod red. A.E.Man-
del'shtama. Leningrad, 1960.   214 p.   (MIRA 15:1)

1. Leningrad. Institut usovershenstvovaniya vrachey, im. S.M.
Kirova. 2. Zaveduyushchiy kafedroy akusherstva i ginekologii
Gosudarstvennogo instituta dlya spetsializatsii i usovershen-
stvovaniya vrachey (for Mandel'shtam).
        (OBSTETRICS)   (GYNECOLOGY)

GESSEN, A.I., red.

[Pathology of the osteoarticular apparatus] Patologiia kost-
nosustavnogo apparata. Leningrad, 1961. 142 p.
(MIRA 15:8)

1. Leningrad. Nauchno-issledovatel'skiy institut ekspertizy
trudosposobnosti i organizatsii invalidov.
(JOINTS— DISEASES)

SADOF'YEV, A.I.; KOSINSKAYA, N.S., prof., otv. red.; GESSEN, A.I., red.

[X-ray diagnosis of the functional state of external respiration under clinical conditions and in the expertise of work capacity]Rentgenodiagnostika sostoianiia funktsii vneshnego dykhaniia v klinike i pri ekspertize trudosposobnosti; metodicheskoe posobie dlia vrachei VTEK i lechebnykh uchrezhdenii. Leningrad, Leningr. nauchno-issl. in-t ekspertizy trudosposobnosti i organizatsii truda invalidov, 1960. 77 p.

(MIRA 16:2)

(RESPIRATORY ORGANS--RADIOGRAPHY)

ROKHLIN, D.G., prof.; KOSINSKAYA, N.S., prof., otv. red.; GESSEN,
A.I., dots., red.

[Pulmonary segments in X-ray pictures; topografical
anatomical, clinical and expertise data] Legochnye seg-
menty v rentgenovskom izobrazhenii; topografo-anatomiche-
skie, klinicheskie i ekspertnye dannye. Leningrad, Medgiz,
1963. 126 p.   (MIRA 16:10)

1. Chlen-korrespondent AMN SSSR (for Rokhlin).
         (LUNGS--RADIOGRAPHY)

GESSEN. B A
AMR

Mechanics (Dynamics, Statics, Kinematics)

979. Gessen, B. A., The analytical method of investigation of spatial meshing, 5, 19, 2.-41, 1948.

Chapters 1 and 2 contain a review of the kinematics of a moving surface in parametric treatment. Both vector and coordinate symbolics are used. Envelope equation and relative motion are emphasized. Chapter 3 (5 pp.) rewrites Oohman's equations ("Teoriya zatsoplenil," Odessa, 1886) of mating surfaces obtained as the two envelopes, relative to the two meshing bodies, of any moving surface. The equations of the characteristics are also given. These equations are of the first order in the partial derivatives of F, where F(X, Y, Z) = 0 is the equation of the surface in question. In chapter 4 (9 pp.) the equations for the same surfaces and characteristics are derived assuming parametric representation; their left-hand sides are written as determinants. The whole discussion is made in general terms. Most readers would probably be satisfied if they could see the last nine pages only. The developments are applied in the paper of the following review.

A. W. Winkhelser

The above article appeared, in Russian, in Trudi Sem. Teor. Mash. Mekh.

SOV/124-58-6-7273

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 6,
     p 131

AUTHOR: G$_e$ssen, B.A.

TITLE: Annular Elastic Systems for Dynamometers Equipped With
     Wire Strain Gages (Kol'tsevyye uprugiye sistemy dlya
     dinamometrov s provolochnymi datchikami)

PERIODICAL: Tr. Mosk. in-ta khim. mashinostr., 1957, Vol 11,
     pp 173-186

ABSTRACT: An investigation of the dimensions of rings suitable for
     the attachment of four wire strain gages comprising the circuitry
     of a resistance bridge upon them.

                              Reviewer's name not given

          1. Dynamometers--Equipment   2. Strain gages--Installation

Card 1/1

SOV/123-59-16-64904

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 16, p 175 (USSR)

AUTHORS: Gessen, B.A., Shklovskaya, F.A.

TITLE: Device for the Continuous Measurement of Pressure and Vacuum

PERIODICAL: Tr. Mosk. in-ta khim. mashinostr., 1958, 17, 173 - 178

ABSTRACT: A device for the measurement of pressure and vacuum in processes, pro-
              ceeding quickly and slowly, was designed and tested by the Moscow
              Institute of Chemical Machine Construction. The sensitive part of the
              device is an elastic ring, rigidly fastened to a rod with a diaphragm
              taking up the pressure. The application of wire pick-ups permits, in
              addition to the measurement of the process, its continuous recording
              with the aid of self-recorders or oscillographs. By this the pick-ups
              are switched into the circuit of the bridges. The feed of the pick-ups
              is effected by an amplifying generator with a frequency of 6,000 cycles.
              The device is distinguished by an extensive measuring range, its simple
              design and adjustment. The design excludes the effects of temperature on
              the indications of the device. 4 circuits.

Card 1/1   R.I.S.

GESSEN, D. D.

Author: Gessen, D.D.

Title: Outline of the History of the Production of Soda. Ed. by M.E. Pozin

Date: 1951.

Subject: Soda Industry

Available: Library of Congress, Call No: TP245.5.G4

Source: Lib. of Cong. Subm. Cat., Apr. june 1952

GEGGEN, G.V.

Sensitivity of some bridge circuits with inductively coupled arms. Truiy inst. Kom. stand. mer i izm. prib. no.o/:28-38 '62.

(MIRA 17 1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii imeni Mendeleyeva.

6392-66   EWT(d)/EEC(k)-2

ACC NR: AP5026759   SOURCE CODE: UR/0286/65/000/017/0038/0038

AUTHOR: Gessen, G. V.

ORG: none

TITLE: A bridge with inductively coupled arms. Class 21, No. 174262

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 38

TOPIC TAGS: capacitance bridge, electronic measurement

ABSTRACT: This Author's Certificate introduces a bridge with inductively coupled
arms for measuring the parameters of capacitors, in particular for measuring tanδ.
The instrument contains a power supply, null indicator and master capacitor. The
bridge is balanced with respect to the reactive component by varying the capacitance
of this master condenser. The design of the bridge is simplified by connecting a
variable resistor to the end leads of the transformer windings which form the induc-
tively coupled arms of the bridge with a fixed capacitor between the centertap of
the transformer windings and the slide of the variable resistor.

UDC: 621.317.733.011.4

Card 1/2

L 6392-66

ACC NR: AP5026759
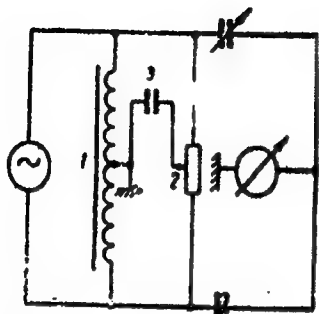
Fig. 1. 1--transformer; 2--variable resistor; 3--fixed capacitor

SUB CODE: EC/   SUBM DATE: 13Mar64/   ORIG REF: 000/   OTH REF: 000

Card 2/2

MANSUROV, Khamid Khusenovich, prof.; KUTCHAK, Svetlana Nikolayevna,
st. nauchn. sotr. Prinimala uchastiye MONASTYRSKAYA, B.I.,
prof.; GESSEN, L.A., red.

[Liver biopsy; atlas of histological studies] Biopsiia pe-
cheni; atlas gistologicheskikh issledovanii. Dushanbe,
Akad. med. nauk SSSR, 1964. 137 p. ___ [Atlas of color
microphotographs] Atlas tsvetnykh mikrofotografii. 54 p.
(MIRA 18:2)

N.

ABRAMSON, I.S., redaktor; SHELKOV, L.S.[translator]; TROFIMOVA, V.A.,
[translator] GESSEN, L. redaktor; DROHOV. A.' tekhnicheskiy
redaktor; PECHNIKOVA, N, tekhnicheskiy redaktor.

[Modern cathode ray oscillograph; a collection of articles]
Sovremennyi katodnyi ostsillograf; sbornik statei. Moskva,
Izd-vo inostrannoi lit-ry. Pt. 1 [Installation and operation
of a cathode oscillograph. Translated from the English]
Ustroistvo i rabota katodnogo ostsillografa. Per..s angliiskogo
L.S.Shelkova, i V.A. Trofimovoi. Pod red. I.S.Abramsona. Izd-vo
2-e, ispr. i dop. 1951 241 p.   (MLRA 8:10)
            (Cathode ray tubes)

SHELKOV, L.S., translator; ABRAMSON, I.S., redaktor; GESSEN, L.N., redaktor; GERASIMOVA, Ye.S., tekhnicheskiy redaktor

[Modern cathode ray oscillograph; collection of articles] Sovremennyi katodnyi ostsillograf; sbornik statei. Moskva, izd-vo inostrannoi lit-ry. Pt.3. [Construction, function, and use of cathode ray oscillographs in physics research (based on materials from 1950-1953) Abstracted and translated by L.S.Shelkov] Ustroistvo, rabota i primeneniia katodnogo ostsillografa v fizicheskikh issledovaniiakh (po materialam 1950-1953 gg.) Referaty i perevod L.S.Shelkova. 1954. 174 p.

    (Cathode ray tubes)   (MLRA 8:3)

PIKUS, G.Ye., red.; GUSEVA, L.V., red.; ARTEMOVA, Ye., tekhn.red.

[Semiconductor surface physics; collection of articles] Fizika
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inostr.lit-ry, 1959. 423 p.   (MIRA 13:5)
                    (Semiconductors)

ZHUZE, V.P., red.; GESSEN, L.V., red.; DZHATIYEVA, F.Kh., tekhn.red.

[Semiconductors; problems of the chemical bond. Translated
articles] Poluprovodnikovye veshchestva; voprosy khimi-
cheskoi sviazi. Sbornik statei. Pod red. V.P.Zhuze. Moskva,
Izd-vo inostr.lit-ry, 1960. 292 p.   (MIRA 14:3)
                    (Semiconductors)

BOGATOV, Geral'd Borisovich; GESSEN, L.V., red.izd-va; TIKHOMIROVA,
        S.G., tekhn.red.; GUS'KOVA, O.M., tekhn.red.

        [Television on the earth and in space] Televidenie na zemle
        i v kosmose. Moskva, Izd-vo Akad.nauk SSSR, 1961. 206 p.
                        (Television)   (MIRA 14:12)

ROZENBERG, L.D., doktor tekhn. nauk; KAZANTSEV, V.F.; MAKAROV, L.O.;
    YAKHIMOVICH, D.F.; DIKUSHIN, V.I., akademik, otv. red.; GESSEN,
    L.V., red. izd-va; GUSEVA, A.P., tekhn. red.

[Ultrasonic cutting]Ul'trazvukovoe rezanie. Moskva, Izd-vo Akad.
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    (Ultrasonic waves—Industrial applications)

GLEZIN, V. M. Docent, GESSEN, V. K.

Tangerine

Anatomic examination of the tangerine skin; materials for the 9th pharmacopeia. Apt. uelo no. 3, 1952.

Monthly List of Russian Accessions. Library of Congress, November 1952. UNCLASSIFIED.

GESSEN, Docent V. Yu.

231T23

USSR/Electricity - Transmission Lines   Oct 52

Transformers

"A Transformer for Capacitive Removal of Power From High-Voltage Transmission Lines," Docent V. Yu. Gessen, V. V. Ivashev, Engr, V. G. Kozheuyakin, I. D. Naumovskly, Leningrad Affiliate of VIESKh (All-Union Inst of Electrification of Agr), LVS (Leningrad High-Voltage Network) Lenenergo (Leningrad Regional Elec Power Admin)

"Elektrichestvo" No 10, pp 25-31

Gives briefly the theory of capacitive removal of power from high-voltage transmission lines

231T23

as it applies when the lightning-protective cable is used for this purpose. Formulates requirements for a step-down transformer and describes design of a special transformer. Cites expti data on the use of the special transformer in Lenenergo High-voltage network. Submitted 13 Nov 51.

231T23

GESSEN, Viktor Yul'yevich, laureat Stalinskoy premii, kandidat tekhni-
        cheskikh nauk; FAYNBERG,Ye.F., redaktor; VODOLAGINA,S.D., te-
        khnicheskiy redaktor; CHUNAYEVA,Z.V., tekhnicheskiy redaktor

    [Breakdowns and their prevention in electric systems serving agri-
    cultural purposes] Avariinye reshimy i zashchita ot nikh v elekt-
    richeskikh setiakh sel'skokhoziaistvennogo naznacheniia. Moskva,
    Gos. izd-vo selkhoz. lit-ry, 1955. 365 p.   (MIRA 9:3)
                    (Electricity in agriculture)

AVERBUKH, Aron Moiseyevich; RYBAK, Khariton Aronovich; BERKOVICH, M.A.,
    retsenzent; GESSEN, V.Yu., red.; ZHITNIKOVA, O.S., tekhn. red.

[Problems of relay protection and methods for solving them]
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Gos. energ. izd-vo, 1961. 351 p.   (MIRA 14:8)
        (Electric relays)   (Electric protection)

GESSEN, Viktor Yul'yevich, kand.tekhn.nauk; IOFINOVA, M.A., red.;
BARANOVA, L.G., tekhn.red.

[Faulty operation and its prevention in agricultural electric
power networks] Avariinye rezhimy i zashchita ot nikh v sel'sko-
khoziaistvennykh elektrosetiakh. Izd.2., perer. i dop. Leningrad,
Gos.izd-vo sel'khoz.lit-ry, 1961. 495 p.

(MIRA 14:7)

(Electricity in agriculture)   (Electric power distribution)

GESSEN, Viktor Yul'yevich

"Emergency Conditions and Protection from them in Agricultural
Power Supply Networks";

dissertation for the degree of Doctor of Technical Sciences
(awarded by the Timiryazev Agricultural Academy, 1962)

(Izvestiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,
1963, pp 232-236)

ABRYUTIN, Viktor Nikolayevich; TIMOFEYEV, V.A., doktor tekhn. nauk,
      prof., retsenzent; GESSEN, V.Yu., dots., retsenzent;
      IVANOV, Ye.A., dots., retsenzent; MARKMANOCH, Ye.Ye., dots.,
      retsenzent; RUZIN, Ye.L., dots., kand. tekhn. nauk, retsenzent;
      KLIMOV, V.A., st. prepod., retsenzent; VOL'FE, L., red.

      [Electromagnetic transients in electrical networks and systems]
      Elektromagnitnye perekhodnye protsessy v elektricheskikh se-
      tiakh i sistemakh; uchebnoe posobie. Leningrad, Severo-zapac-
      nyi zaochnyi politekhn. in-t, 1962. 278 p.   (MIRA 17:5)

BOROVIKOV, Vasiliy Aleksandrovich; KOSAREV, Vladimir Kuz'mich; KHODOT,
        Georgiy Aleksandrovich; SLAVIN, M.I., kand. tekhn.nauk,
        retsenzent; DOROKHOVA, A.I., inzh., retsenzent; GESSEN,
        V.Yu., doktor tekhn. nauk, red.; SOBOLEVA, Ye.V., tekhn.
        red.

        [Electrical networks and systems] Elektricheskie seti i si-
        stemy. Moskva, Gosenergoizdat, 1963. 459 p. (MIRA 16:8)
                (Electric lines--Overhead)

GESSEN, V.Yu., doktor tekhn. nauk

A book necessary to students and engineers. Mekh. i elek. sots.
sel'khoz. 21 no.3:63-64 '63.   (MIRA 16:8)

1. Leningradskiy sel'skokhozyaystvennyy institut.
        (Rural electrification)

GESSEN, V.Yu., doktor tekhn.nauk

Efficiency of current cutoff in rural power distribution systems.
Mekh. i elek. sots. sel'khoz. 21 no.4:39-41 '63.   (MIRA 16:9)

1. Leningradskiy sel'skokhozyaystvennyy institut.
                    (Electric power distribution)

GESSEN, V.Yu., doktor.tekhn.nauk; GUBANOV, V.V., kand.tekhn.nauk

Static single-phase three-phase phase number convertor. Elektrotekh-
nika 35 no.2:37-40 F '64.   (MIRA 17:3)

GESSIN, N., starshiy inzh.

Half a million hectares in a single province. Grazhd. av. 19
no.3:14 Mr '62.   (MIRA 15:5)
(Voronezh Province—Aeronautics in agriculture)

GESSIN, N.N.

Aids in plant protection. Zashch. rast. ot vred. i bol. 8
no.6:7-8 Je '63.   (MIRA 16:8)

1. Starshiy inzh. aviatsii spetsial'nogo primeneniya, Voronezhskaya
oblast'.
        (Voronezh Province—Spraying and dusting in agriculture)
               (Voronezh Province—Aeronautics in agriculture)
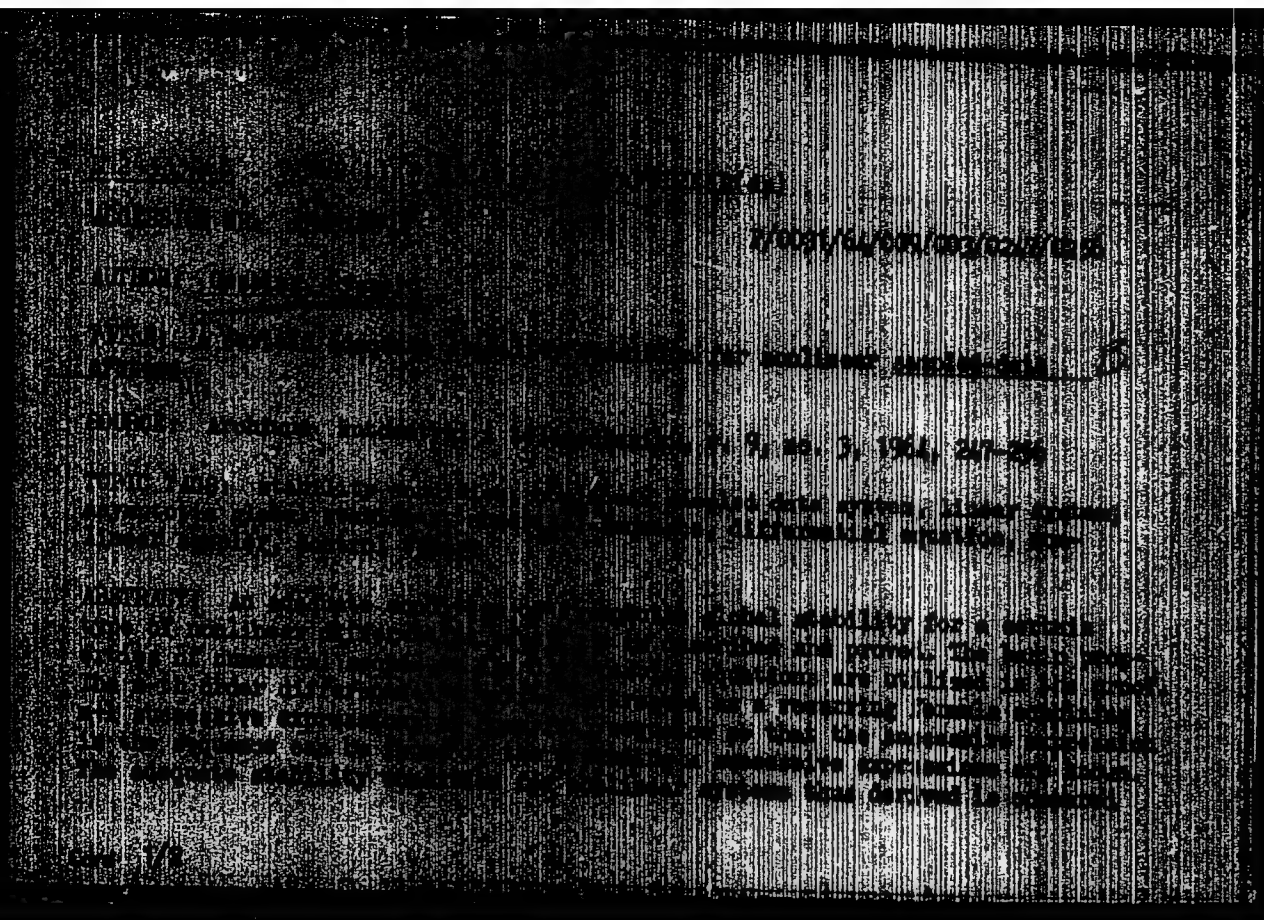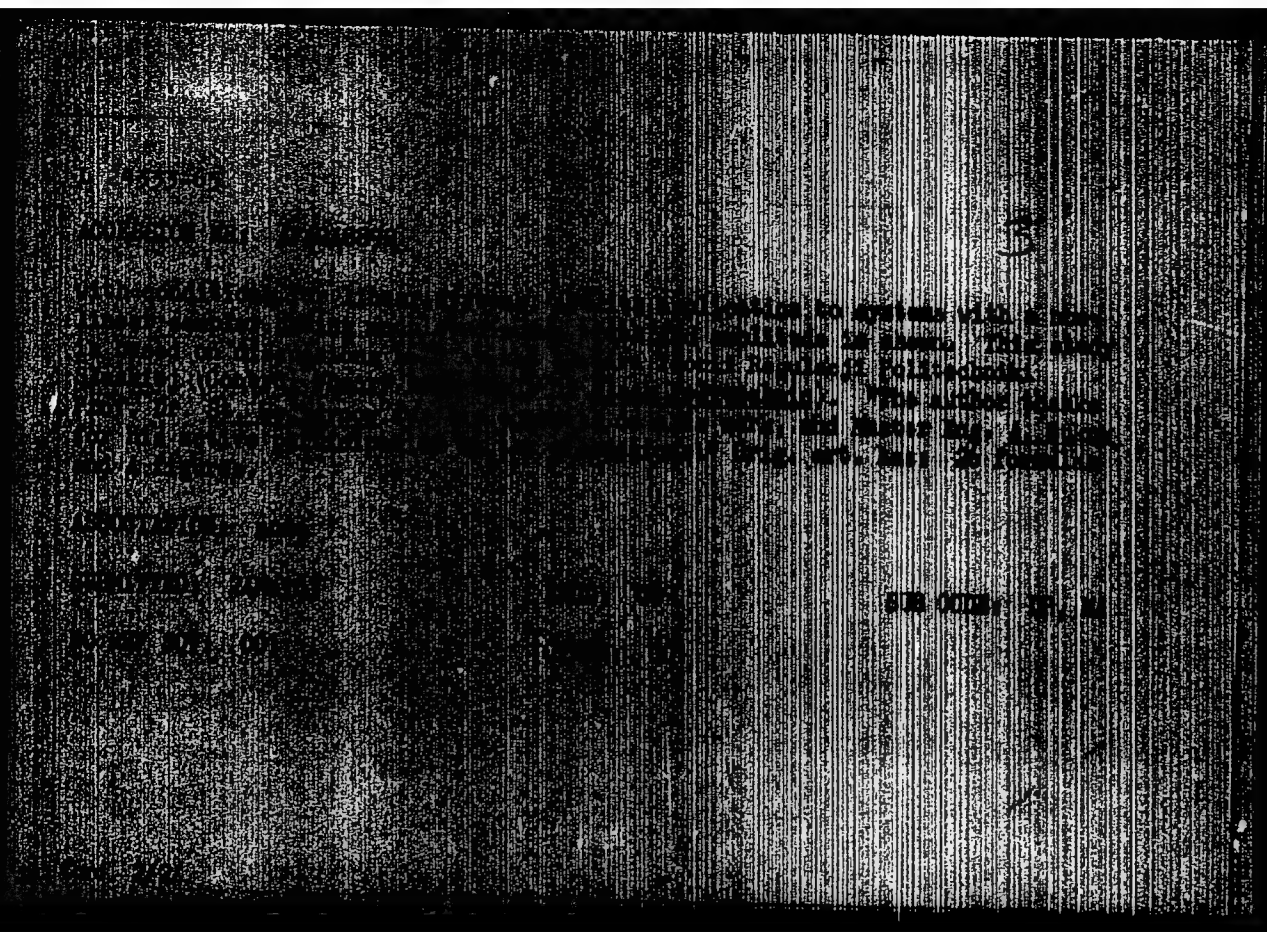
L 34812-66   EWT(d)   IJP(c)

ACC NR: AT6014884   SOURCE CODE: PO/2536/65/000/006/0005/0025

AUTHOR: Gessing, Ryszard

ORG: Chair of the Theory of Control, Slask Polytechnic (Katedra Teorii Regulacji, Politechnika Slaska)

TITLE: Satisfactory conditions for global asymptotic stability of nonlinear data sample systems

SOURCE: Gliwice Politechnika Slaska. Zeszyty naukowe, no. 132, 1965. Automatyka, no. 6, 5-25

TOPIC TAGS: recurrence analysis, ~~differential equation~~ global stability, linear difference equation, nonlinear pulse generator, NONLINEAR SYSTEM, CONTROL SYSTEM STABILITY, NONLINEAR DIFFERENTIAL EQUATION, DATA SAMPLING

ABSTRACT: A sufficient condition for the global stability of certain nonlinear differential equations has been presented and proved in this paper. The condition has been proved by means of a recurrence analysis method based on the fact that a differential equation of order m is a recurrence relation from which it is possible to get the value of the function for any value of argument n, if the values of the function for m previous arguments are known. The condition obtained has been compared with the stability conditions for linear differential equations. Some examples of the application of this condition for systems with a nonlinear pulse-generating amplitude and width-modulated pulses have been presented. The author

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L 34812-66

ACC NR: AT6014884

SUB CODE: 20/ SUBM DATE: 03Feb64/ ORIG REF: 001/ OTH REF: 001

Card   2/2

L 34813-66   EWT(d)   IJ:(c)

ACC NR: AT6014985   SOURCE CODE: PO/2536/65/000/000/0027/0059

AUTHOR: Gessing, Ryszard

ORG: Chair of Theory of Control, Slask Polytechnic (Katedra Teorii Regulacji, Politechnika Slaska)

TITLE: Application of the differential equation method to control systems including a nonlinear pulse regulator with rectangular output pulses

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 132, 1965. Automatyka, no. 6, 27-59

TOPIC TAGS: differential equation, amplitude modulation, pulse width modulation, stability condition, nonlinear control system, control system stability

ABSTRACT: Nonlinear sample data systems can be analyzed by the differential equation method. The method starts by formulating the differential equation for the system to be analyzed. The paper presents a method for obtaining the differential equations for control systems with a nonlinear pulse regulator with rectangular pulses with amplitude modulation, with width modulation and nonstationary starting point, and with width modulation and a fixed starting point. Using this method the formulas for the coefficients of the differential equations for the cases mentioned above have been obtained. A method for obtaining numerical solutions of these differential equations for any type of force function has also been presented. The differential equations obtained can be used for the stability analysis based on the sufficient

Card   1/2

L 34813-66

ACC NR: AT6014885

stability condition formulated by the author. This condition is presented in a previous article. Orig. art. has: 6 figures and 27 formulas. [Author's abstract.]

[KS]

SUB CODE: 20/ SUBM DATE: 16Mar64/ ORIG REF: 001/ SOV REF: 002

Card 2/2

L 10428-67   EWP(v)/EWP(k)/EWP(h)/EWA J

ACC NR: AP6031531

SOURCE CODE: PO/0031/66/011/003/0257/0279

AUTHOR: Gessing, Ryszard

ORG: Silesian Polytechnic Institute, Department of Control Theory (Politechnika slaska Katedra teorii regulacji)

TITLE: Difference equations for nonlinear sampled-data systems and their application to calculation of processes

SOURCE: Archiwum automatyki i telemechaniki, v. 11, no. 3, 1966, 257-279

TOPIC TAGS: automatic control, sampled data system, nonlinear control system, difference equation, DATA SAMPLING

ABSTRACT: The general form of difference equations is derived for a nonlinear sampled data system of arbitrary order which can be reduced to a system composed of a continuous linear part and of a nonlinear or linear pulser with pulses of arbitrary shape. The derived equations are applied to the study of the following particular sampled-data systems: a) with a linear pulser generating pulses of arbitrary shape, b) with pulser generating amplitude-modulated square pulses (IW pulser); and 3) with pulser generating width-modulated square pulses (IS pulser). It is shown that the recurrence formulas which make numerical calculation of the processes possible follow directly from the equations derived here. These calculations can be simplified in the case of a pulser with a quantization level. Some examples of calcu-

Card 1/2

L 10428-67

ACC NR: AP6031531

lating the process in practical sampled-data control systems are presented. Orig.
art. has: 7 figures and 74 formulas.

[LK]

SUB CODE: 09, 12/ SUBM DATE: 17Nov65/ ORIG REF: 002/ SOV REF: 002/

GESSLER, E.; ZALECKI, E.

The drawing perspective in road planning. p. 44. (Instytut Techniki Budowlanej) Warszawa Vol. 11, no. 2, Feb. 1956   PROCOWNICTHO

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

MA

Electrometallurgy - Y

*Nitrogen Overvoltage (on Platinum) in the Electrolysis of Solutions in Liquid Ammonia. N. M. Gouder and V. A. Pleskov (Zhur. Fiz. Khim., 1960, 34, (4)," 663-453). [In Russian]. The discrepancy between the high decompn. potentials of soln. in liq. NH$_3$ and the low free energy of decompn. can be explained by the large overvoltage, especially on the anode. This was proved by direct measurements of the N overvoltage on Pt in soln. of NH$_4$Cl, NH$_4$Br, NH$_4$ClO$_4$, and NH$_4$NO$_3$ in liq. NH$_3$ at −50 C., which gave values of 1.2-1.4 V., irrespective of the nature of the anion. The overvoltage increased linearly with the log of the c.d., the slope of the line being (2RT/F). G. and P. consider that the primary anodic process in soln. of strong acids is the electrochem. oxidation of NH$_3$, and that the anion is not discharged, though with NH$_4$I some I is evolved. The overvoltage arises mainly from the slowness of the electrochem. stage, not from the desorption of N from the electrode. In soln. of KNH$_2$, the evolution of N proceeds by discharge of NH$_2^-$ ions, after some hydrazine is formed. G. B. H.

WIELEK, Zyta; SWITLIK, Ignacy; STRZEMSKI, Ryszard; GESTENBERGER, Jadwiga.

Acute poisoning with Ricinus seeds. [Pol. tyg. lek.] 30 no.8: 261 22 F'75.

1. Z II Kliniki Chorob Wewnetrznych Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: prof. dr. med. Eduard Gierek); z I. Kliniki Chorob Wewnetrznych Pomorskiej Akademii Medycznej w Szczecinie (kierownik: doc. dr. med. Karol Gregersen z III Kliniki Chorob Wewnetrznych Pomorskiej Akademii Medycznej w Szczecinie (kierownik: doc. dr. med. Marek Eisner).

GESTI, O.

A new synchronizing method for system-disturbance conditions; mainly in the case of turbogenerators; excerpts from an article. p.65.

Magyar Tudomanyos Akademia. Muszaki Tudomanyok Osztalya. KOZLEMENYEI. Budapest, Hungary, Vol. 23, no. 1/2, 1958.

Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2, July, 1959.

Uncl.

DUMITRESCU, N.N.; DEAC, A., dr. dermatolog; GESTICONE, Adela, dr.

Protection and treatment unguent for healing cutaneous lesions
caused by the compounds of hexavalent chromium. Rev chimie Min
petr 15 no. 4:220-221 Ap '64.

1. Tirnaveni Polyclinic (for Deac). 2. Labor Medicine at the
S.M.S., Tirnaveni (for Gesticone).

GESTRIN, O.M. [Hestrin, H.M.]

Theorem on Fredholm's integral equation. Nauk, zap, L'viv, un, 44 no.8:86-94 '57. (MIRA 11:6)

(Integral equations)

GESTRIN, G.M. [Hestrin, H.M.]

Linear differential operators invariant with regard to a group of transformations. Nauk. zap. L'viv. un. 44 no.8:95-106 '57.

(MIRA 11:6)

(Operators (Mathematics))

GESTRIN, G.M. [Hestrin, H.M.]

Separability of variables in equations which are invariant with regard to a group of transformations. Nauk zap. L'viv. un. 44 no.8: 107-114 '57.   (MIRA 11:6)
        (Differential equations, Partial) (Operators (Mathematics))

GESTRIN, G.N.

One completely continuous operator. Dop. ta pov. L'viv.un. no.6
pt.2:123 '55.
(Operators (Mathematics))   (MLRA 10:3)

GESTRIN, G. N.

GESTRIN, G.N.: "Some properties of linear differential operators which permit a group of transformations." Min Higher Education Ukrainian SSR. L'vov State U imeni Ivan Franko. L'vov, 1956. (Disseration for the degree of Candidate in Sciences).

So: Knizhnaya Letopis', No 36, 1956. Moscow.

GESTRIN, G.N.

Theorem on the uniqueness of a trigonometric series. .op, ta
pov. L'viv. un. no.7 pt.3:264-268 '57.   (MIRA 11:2)
                    (Fourier's series)

AUTHOR: Povzner, A.Ya., Gestrin, G.N.

TITLE: On some finite-difference methods of solving mixed problems for hyperbolic and parabolic equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 1, 1963, 6, abstract 1V14
(Uch. zap. Khar'kovsk. jun-t, 1961, 120, Zap. Mekhan.-matem. fak. i
Khar'kovsk. matem. o-va, v. 28, 33 - 63)

TEXT: By "imitating" with finite differences the conservation laws or integral identities defining the generalized solution, the authors construct in a natural way finite-difference schemes, which reduce to solutions of the corresponding boundary problems for second-order differential equations of the hyperbolic and parabolic type. Here, having mainly in view the construction of stable difference schemes, the authors everywhere, after proving the stability of the scheme, prove its convergence to the solution of the corresponding boundary problem in the weak sense only (the necessary uniqueness theorems are assumed to be known).
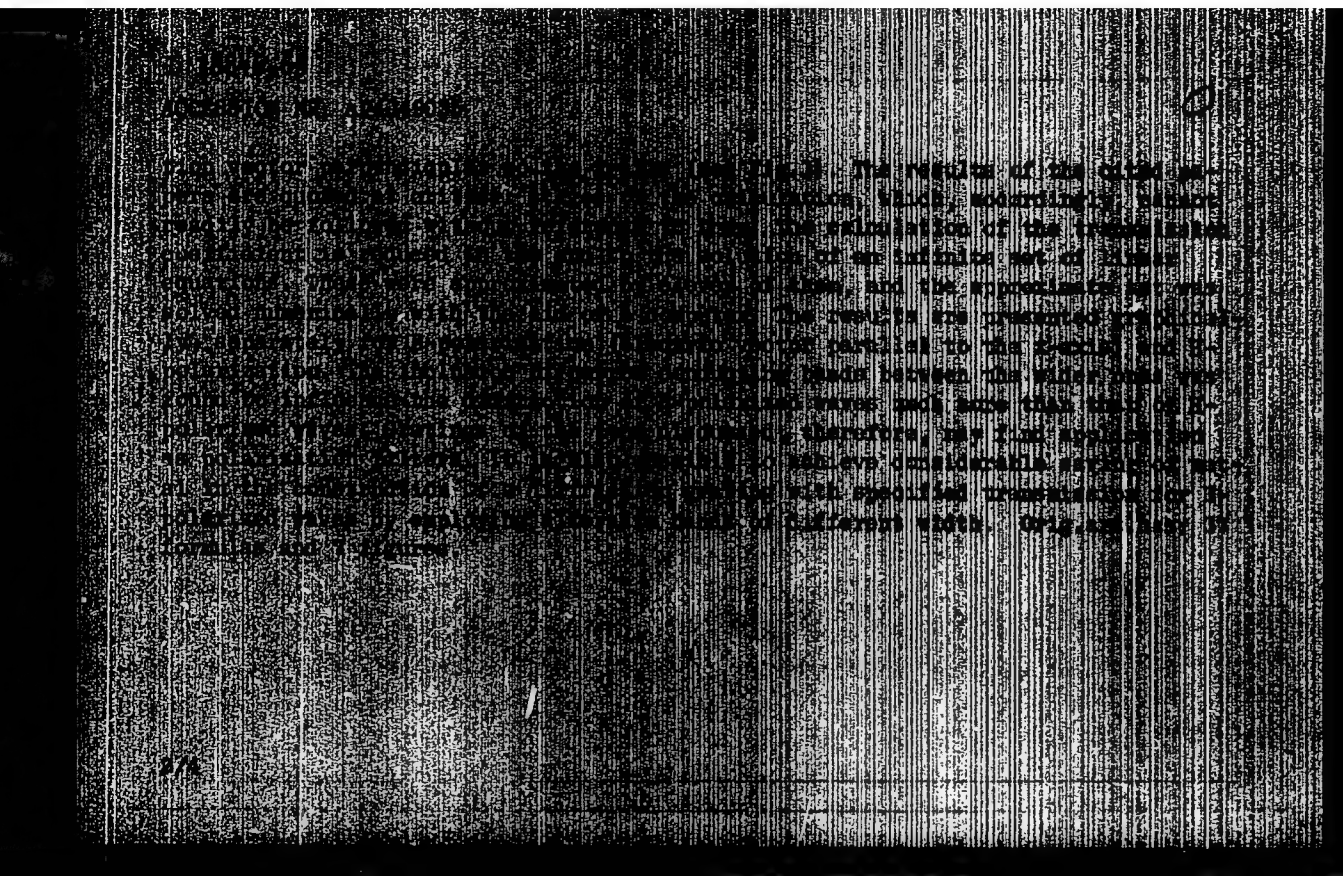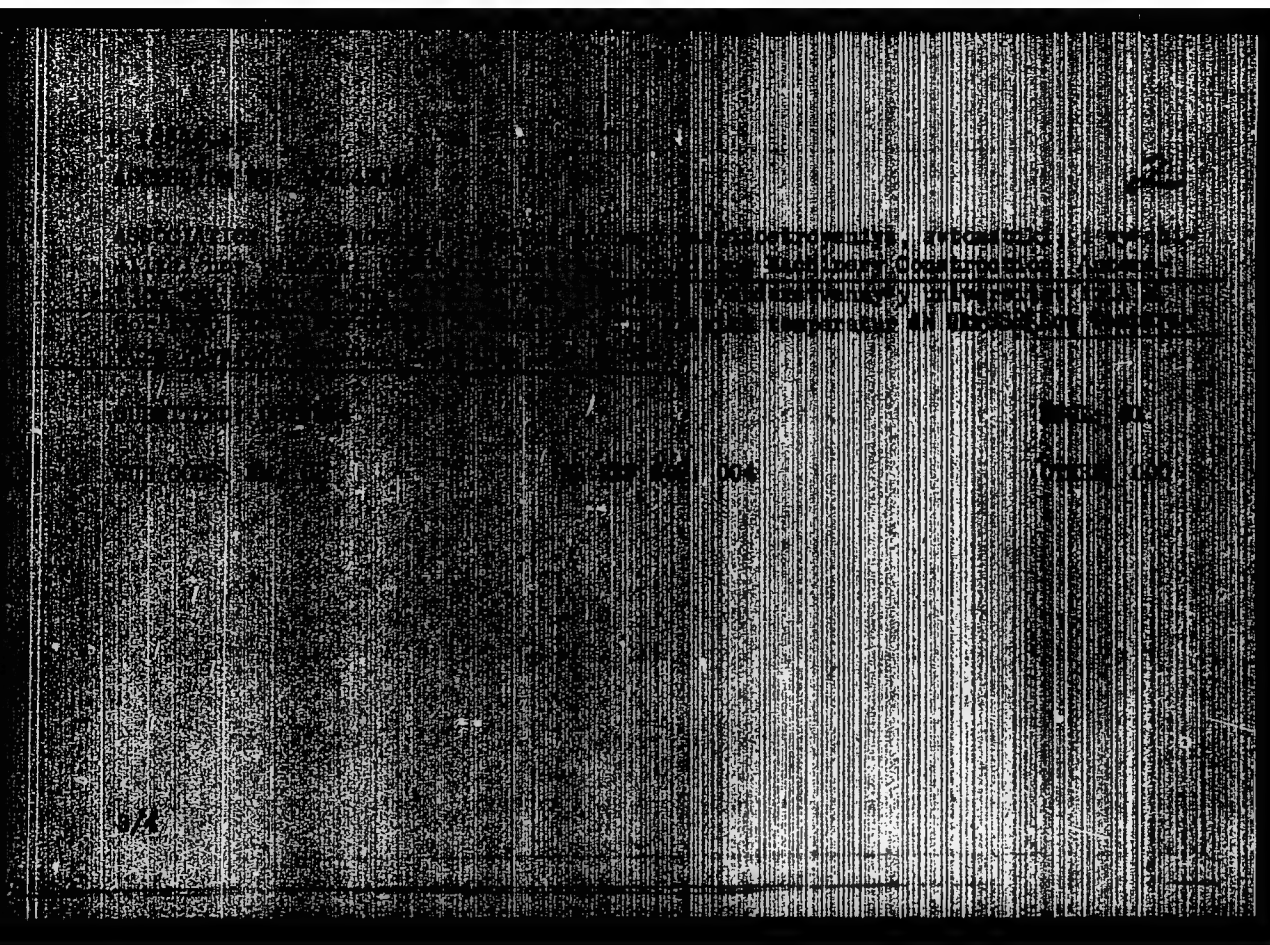
[Abstracter's note: Complete translation]
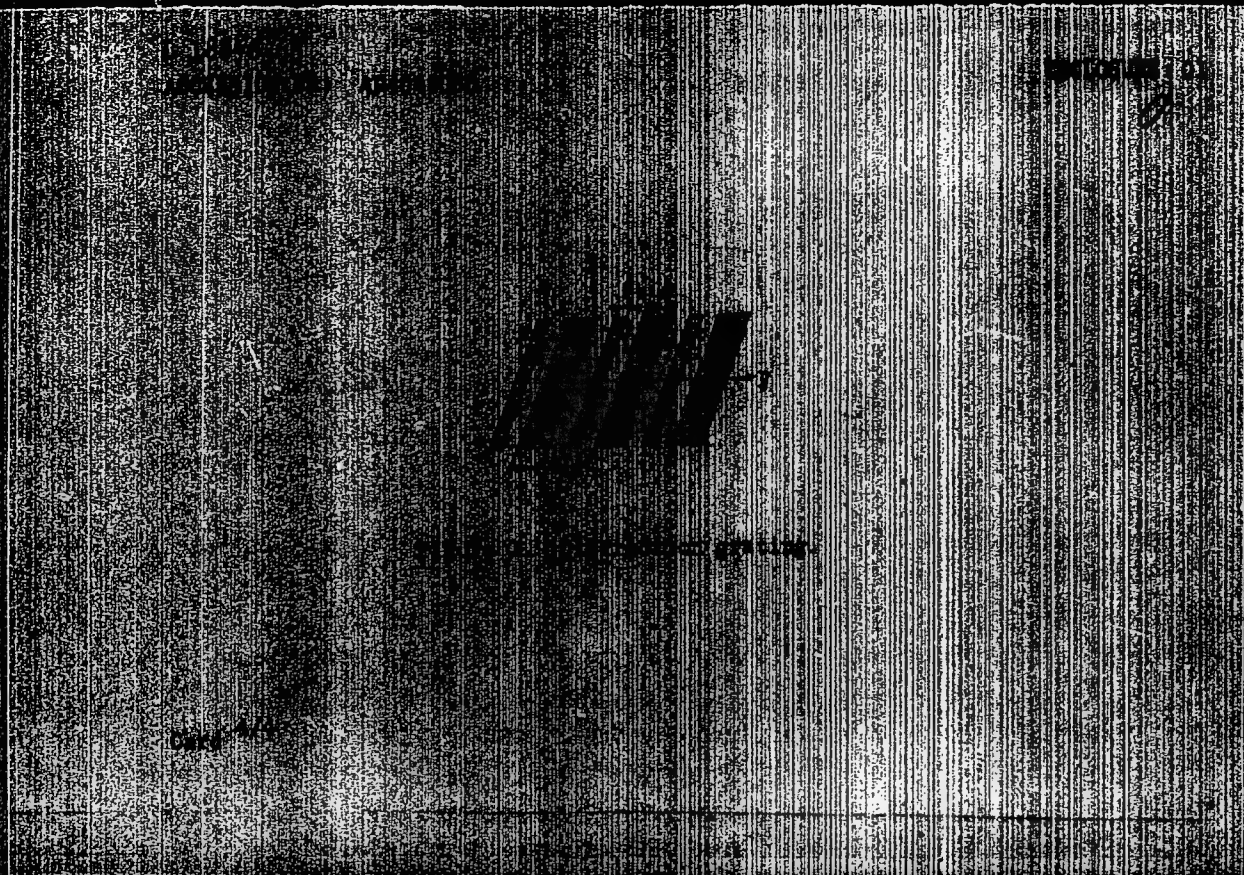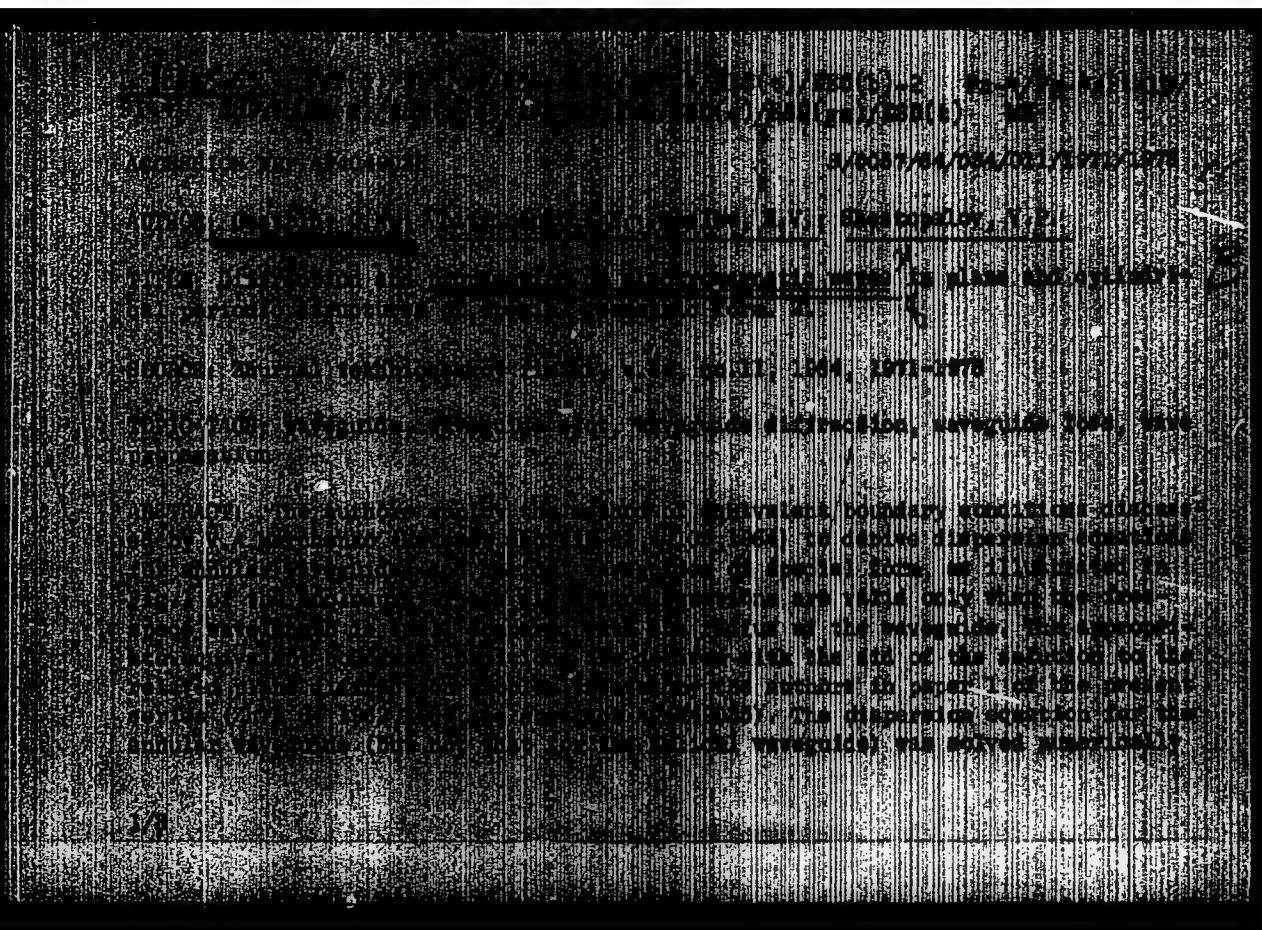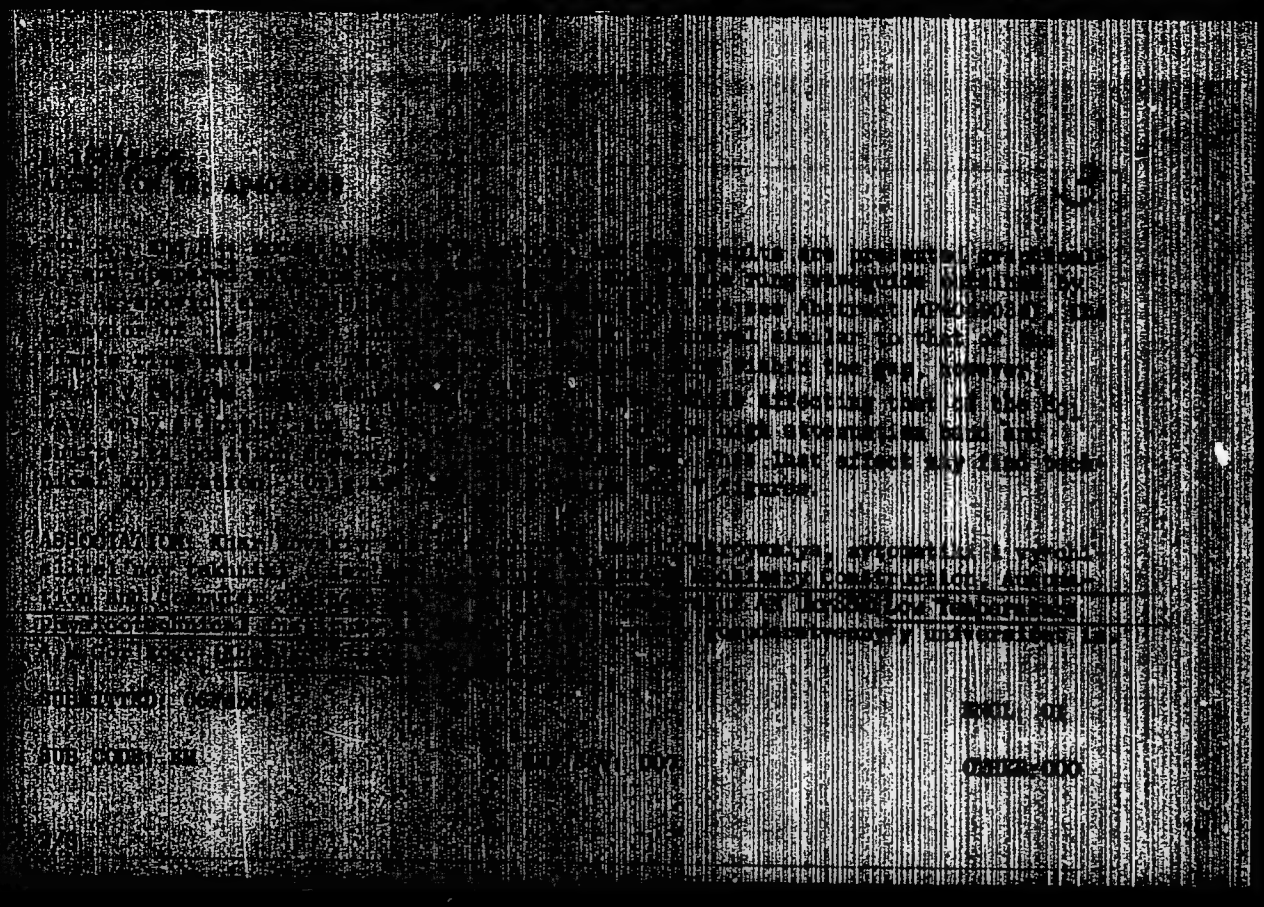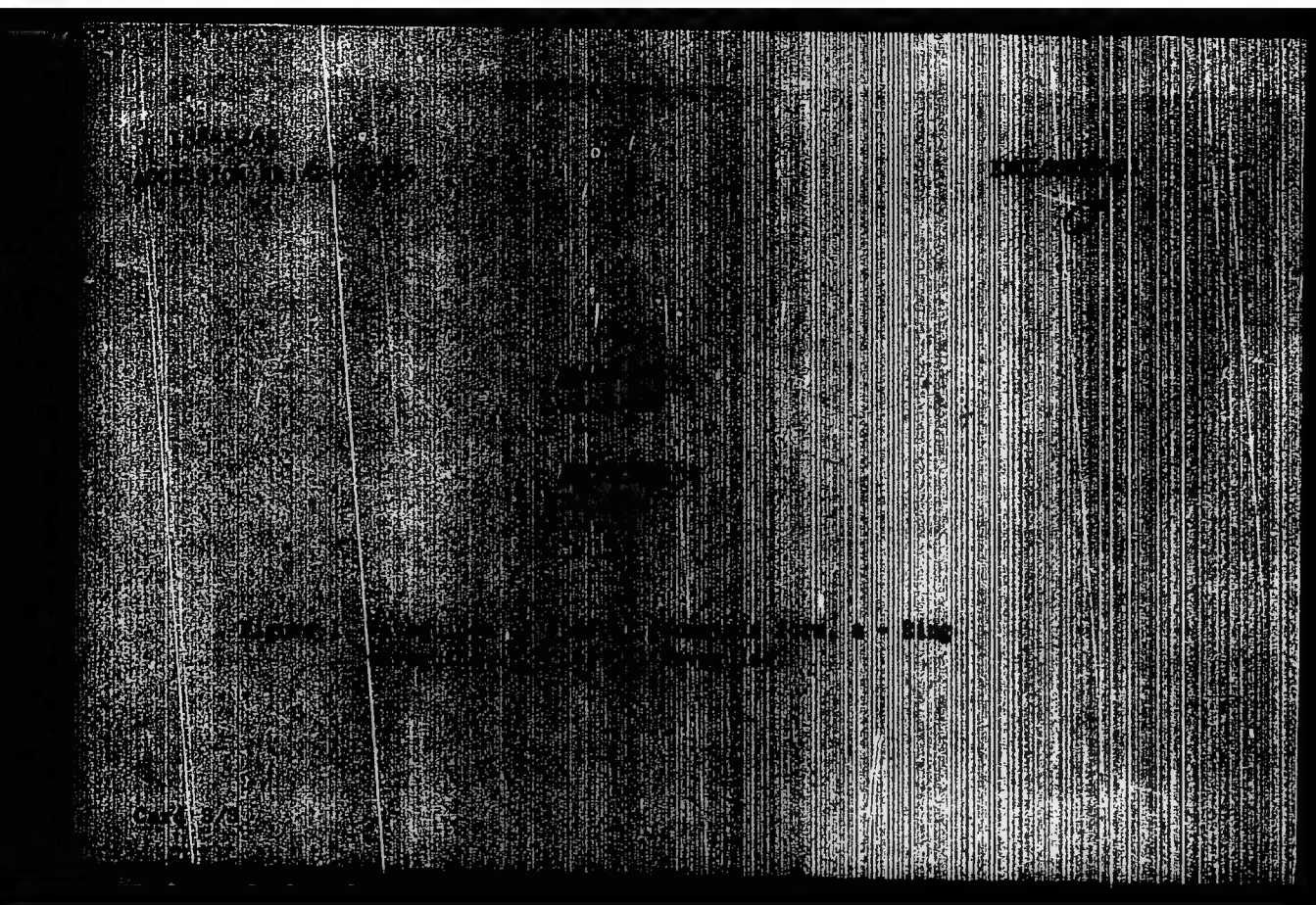
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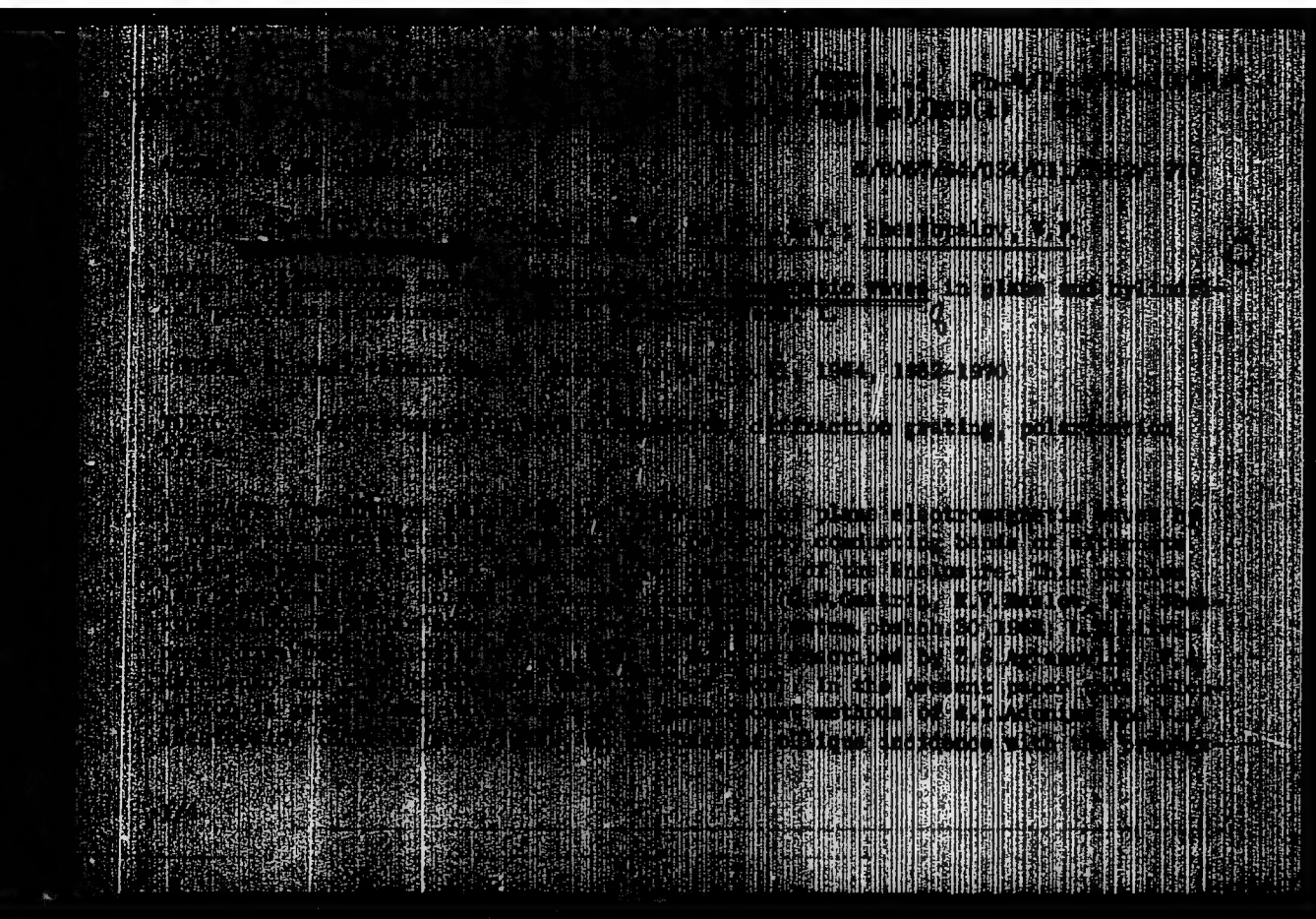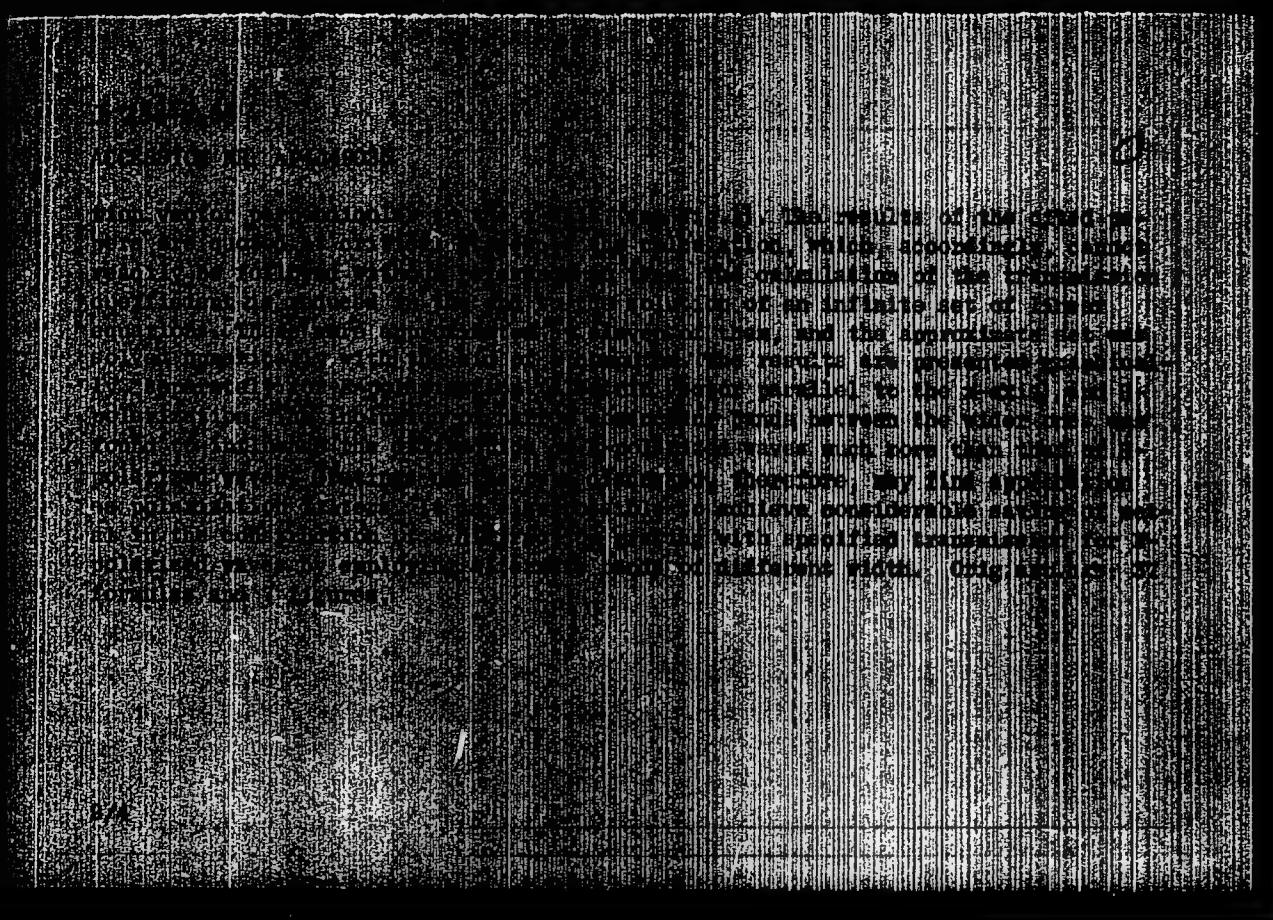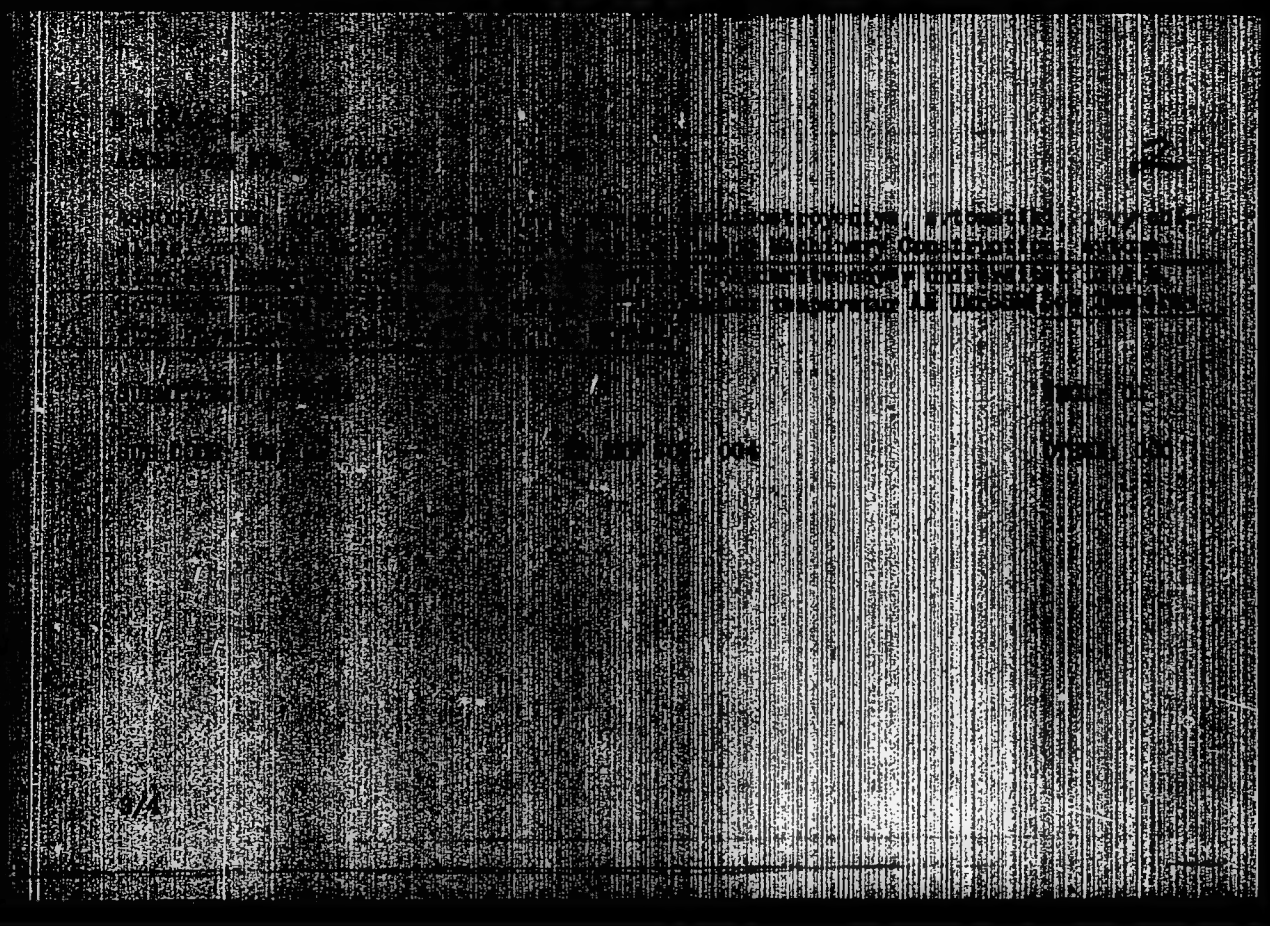
GESTRIN, C.N. (Khar'kcv)

Fundamental solutions to systems invariant with respect to rotations.
Ukr. mat. zhur. 17 no.3:32-42 '65.   (MIRA 18:6)

GESTRIN, N.P. [Hestryn, N.P.]; NIKIFORENKO, V.A. [Nykyforenko, V.A.]

Improving the production of poly. rtanine in the Mizoch and Sambor sugar factories. Kharch.prom. no.4:16-20 O-D '63.   (MIRA 17:1)

MANZHALOVSKIY, Vladimir Pavlovich; GINSTRIN, T.N., kand.fiz.-matem.
nauk, otv.red.; TRET'YAKOVA, A.N., red.; CHERNYSHENKO,
Ya.T., tekhn.red.

[Integration of some homogeneous linear differential
equations of the second order with variable coefficients
in special functions] K integrirovaniiu nekotorykh odno-
rodnykh lineinykh differentsial'nykh uravnenii vtorogo
poriadka s peremennymi koeffitsientami v spetsial'nykh
funktsiiakh. Khar'kov, Izd-vo Khar'kovskogo gos.univ. im.
A.M.Gor'kogo, 1959.   68 p.   (MIRA 12:9)
          (Differential equations, Linear)

KOZINETS, P.V.; KARTASHOV, I.N.; KAGANOVSKIY, A.I., GESYUK, Z.M.;
      SASIN, I.F.; MAYMAN, C.M., inzh., retsenzent; LIYCHUK, A.M.,
      kand. tekhn.nauk, red.; GALANOVA, M.S., red. izd-va; EL'KIND,
      V.D., tekhn. red.

[Technology of diesel locomotive construction]Tekhnologiia
teplovozostroeniia. [By] I.V.Kozinets i dr. Moskva, Mashgiz,
375 p.   (MIRA15:10)
        (Diesel locomotives--Design and construction)

GESZT, Gh.

RUMANIA/Human and Animal Physiology - The Nervous System.   V-10

Abs Jour : Ref Zhur - Biol., No 2, 1958, 9049

Author   : F. Obal, Gh. Geszt, A. Kelemen, A. Fall
Inst   : -
Title   : The Role of the Nervous System in the Genesis of Hypother-
             my Produced by Novocaine and Ergot Alkaloids. A Study
             Employing the Conditioned Reflex Method.

Orig Pub : Studii si cercetari stiint. Acad. RPR Fil. Cluj, 1955, Ser.
             2, 6, No 1-2, 133-143

Abstract : A conditioned reflex, produced in rats to the hypothermic
             effect of ergotoxine (o.1 mg/100 g) or dihydroergotoxine
             (o.5 mg/100 g), developed as a hyperthermic reaction, and
             reduced the effect of the preparations. This is explained
             by the compensatory role of the cerebral cortex. In guinea
             pigs the similar compensation of the hypothermic effect of
             novocaine was less strongly marked than in rats. The con-
             ditioned reflex to large doses of novocaine (40 mg/100 g

Card 1/2

A New Basis for the Differential Calculus

Gesztelyi, Ernő. Eine neue Begründung der Differen-
tialrechnung. Mat. Lapok 9 (1958), 91–114. (Hunga-
rian. Russian and German summaries)

The considerations of the author are based on the ring
of "mixed quantities" in the sense of L. Neder [Math.
Ann. 118 (1941), 251–262; MR 5, 257]. With the aid of
well-defined "infinitesimal" quantities the author intro-
duces, without using limiting processes, the concepts of
differentiability, differen ial and differential quotient,
showing that these coincide with the corresponding
classical concepts. The paper seems to be related to more
general investigations of E. Kähler [Bericht über die
Mathematiker-Tagung in Berlin, 1953, pp. 58–163,
Deutsch. Verlag der Wissenschaften, Berlin, 1953; MR
16, 563].   A. Kertész (Debrecen)

GESZTELYI, Erno

    Axiomatic interpretation of the concept of convergence. Mat
lapok 12 no 3/4:190-195 '61.

GESZTELYI, Erno

On the functional equation of autodistributiveness. Mat lapok
13 no.1/2:199-200   '62.

GESZTI, Tamas; INGYOLY, Andras

     Electric characteristics of semiconductor surfaces. t.l.
     Fiz szemle 14 no.8:251-256 Ag'64

     1. Research Institute of Technical Physics, Hungarian Academy
     of Sciences, Budapest.

GESZTI, Tamas; LORINCZY, Andras

    Electric properties of semiconductor surfaces. Pt.2. Fiz
szemle 14 no.9:278-282 S '64.

    1. Research Institute of Technical Physics, Hungarian Academy
of Sciences, Budapest.

FENYOHAZI, Laszlo, dr.; GESZTESI, Tamas, dr.

Experience with Delagil therapy of primary chronic polyarthritis.
Orv. hetil. 102 no.49:2334-2335   3 D '61.

1. Tolna Megyei Tanacs Balassa Janos Korhaz, Belosstaly,Szekszard.

(ARTHRITIS RHEUMATOID ther)   (CHLOROQUINE ther)

GESZTESI, Tamas, dr.; WALLACHER, Lajos, dr.

Ulcerogenic tumor of the pancreas (Zollinger-Ellison syndrome). Orv.
hetil. 103 no.24:1132-1134 17 Je '62.

1. Tolna megyei Tanacs Balassa Janos Korhaz, Belgyogyaszati es Kor-
bonctani Osztaly.

(ISLET CELL TUMORS case reports)
(PEPTIC ULCER case reports)

GESZTESI, Tamas

HUNGARY

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Balassa Janos Hospital (Balassa Janos Korhaz) of the Council of Tolna
Megye (Tolnamegyei Tanacs).

"Polarography in Serodiagnostics of Cancer. Preliminary Communication"

Abstract [Authors' Hungarian summary] Authors describe the polarographic
method of the serodiagnostics of cancer. They report on their prelimi-
nary experiences with a modified polarographic method. On the basis of
those experiences they state that although polarography cannot be con-
sidered a cancer-specific diagnostic method, it may nevertheless turn
out to be a significant factor in the early diagnosis or differential
diagnosis of cancer. Further data are being collected on a large patient
material. [21 references, predominantly Hungarian and East- and West
German].

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